

Product data sheet

Characteristics

EZCV250H3250

circuit breaker, EasyPact EZCV250H, TMD, 250A, 3 poles 3d



Main

Range of product	EasyPact
Product or component type	Circuit breaker
Device short name	Easypact EZCV250H
Circuit breaker name	Easypact EZCV250H
Device application	Distribution
Poles description	3P
Protected poles description	3t
Network type	AC
Network frequency	50/60 Hz
[In] rated current	250 A at 40 °C
[Ui] rated insulation voltage	440 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
[Ue] rated operational voltage	440 V AC 50/60 Hz conforming to IEC 60947-2
Breaking capacity code	H
Breaking capacity	100 KA Icu at 220...240 V AC 50/60 Hz conforming to IEC 60947-2 25 KA Icu at 440 V AC 50/60 Hz conforming to IEC 60947-2 36 KA Icu at 380...415 V AC 50/60 Hz conforming to IEC 60947-2
[Ics] rated service breaking capacity	12.5 KA at 440 V AC 50/60 Hz conforming to IEC 60947-2 18 KA at 380...415 V AC 50/60 Hz conforming to IEC 60947-2 50 KA at 220...240 V AC 50/60 Hz conforming to IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2
Utilisation category	Category A
Trip unit name	TM-D
Trip unit technology	Thermal-magnetic
Trip unit rating	250 A at 40 °C
Protection type	Earth-leakage protection Short-circuit protection Overload protection
Pollution degree	3 conforming to IEC 60947

Complementary

Control type	Toggle
Mounting mode	Fixed
Mounting support	Backplate
Upside connection	Front
Downside connection	Front
Mechanical durability	10000 cycles

Electrical durability	Category A: 5000 cycles 415 V AC 50/60 Hz conforming to IEC 60947-2
Connection pitch	35 mm
Local signalling	Positive contact indication
Neutral protection setting	Without protection
Earth-leakage protection	With
Height	165 mm
Width	105 mm
Depth	68 mm

Environment

Standards	EN/IEC 60947-2 JIS C8201-2-2 EN/IEC 60947-1 GB/T 14048.2
IP degree of protection	IP20 conforming to IEC 60529
IK degree of protection	IK07 conforming to EN 50102
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-35...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11.1 cm
Package 1 Width	11.1 cm
Package 1 Length	18.0 cm
Package 1 Weight	1.9 kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	15.687 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	No need of specific recycling operations  Circularity Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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